

**AMENDMENTS TO THE SPECIFICATION**

**Please replace paragraph bridging pages 6 and 7 with the following rewritten paragraph:**

The structural unit (A1) derived from ~~(a1)the formula (a1)~~ constituting the fluorine-containing acrylate polymer (A) of the present invention is namely a structural unit derived from a monofunctional fluorine-containing acrylate, and fluorine atom is contained in either the side chain portion  $R^1$  or the trunk chain portion  $\underline{X^1X}$  ~~of (a1)of the formula (a1)~~.

**Please replace the first full paragraph on page 8 with the following rewritten paragraph:**

When  $\underline{X^1X}$  in the fluorine-containing acrylate (a1) is F or  $CF_3$ ,  $R^1$  in the side chain may not contain fluorine atom, and it is usually preferable that  $R^1$  is at least one selected from monovalent fluorine-containing alkyl groups which have 1 to 50 carbon atoms and may have ether bond and monovalent fluorine-containing aryl groups which have 2 to 50 carbon atoms and an aromatic ring structure and may have ether bond.

**Please replace paragraph bridging pages 96 and 97 with the following rewritten paragraph:**

Also the photofunctional optical material may be prepared by polymerizing the composition for polymerization prepared by adding an acrylate polymer as case demands to the composition containing the fluorine-containing acrylate (a1), the polyfunctional acrylate (a2), the optional monomer (n) and the rare earth metal compound (B). Examples of the acrylate polymer to be added as case demands are polymers containing the above-mentioned fluorine-containing

acrylate (a1) and/or the optional monomer (n). It is preferable that the monomer (n) is selected from ~~structural units derived from~~ monomers such as acrylate monomers other than (a1) and (a2), (meth)acrylic acids, fluorine-containing (meth)acrylic acids, maleic acid derivatives and the like. Preferred examples of the acrylate monomer are (meth)acrylate monomers having a linear or branched alkyl group having 1 to 20 carbon atoms in a side chain thereof such as methyl methacrylate (MMA), methyl acrylate (MA), ethyl methacrylate (EMA), ethyl acrylate (EA), isopropyl methacrylate, isopropyl acrylate, butyl methacrylate, butyl acrylate, hexyl methacrylate, hexyl acrylate, octadecyl methacrylate and octadecyl acrylate.

**Please replace paragraph bridging pages 102 and 103 with the following rewritten paragraph:**

For example, for adjusting a viscosity of the composition of the present invention, an acrylate polymer comprising the above-mentioned fluorine-containing acrylate (a3) and/or the above-mentioned optional monomer (n) may be blended to the composition. It is preferable that the monomer (n) is selected from ~~structural units derived from~~ monomers such as acrylate monomers other than (a1) and (a2), (meth)acrylic acids, fluorine-containing (meth)acrylic acids and maleic acid derivatives. Preferred examples of the acrylate monomer are (meth)acrylate monomers having a linear or branched alkyl group having 1 to 20 carbon atoms in a side chain thereof such as methyl methacrylate (MMA), methyl acrylate (MA), ethyl methacrylate (EMA), ethyl acrylate (EA), isopropyl methacrylate, isopropyl acrylate, butyl methacrylate, butyl acrylate, hexyl methacrylate, hexyl acrylate, octadecyl methacrylate and octadecyl acrylate.

**Please replace the second paragraph on page 129 with the following rewritten paragraph:**

Polymerization reaction was carried out in the same manner as in Example 1 except that 2.0 g of methyl methacrylate, 0.32 g of the tetrafunctional fluorine-containing acrylate represented by the formula (a4-2), 0.020 g of the erbium complex~~europium complex~~:

$\text{Er}(\text{CF}_3\text{COCHCOCF}_3)_3$  obtained in Preparation Example 3 and 0.002 g of AIBN were used, and a solid comprised of a fluorine-containing acrylate polymer and an erbium complex was obtained.